Magic iRIID Virtual Remote Controller Interface For Home Theater and Marketing App User Manual

Magic iRIID
Virtual Gesture PC Controller Innovation
Virtual Remote Controller For Home Theater
New Xbox One Kinect Sensor App
www.mydison.com

Windows 8 Compatible

Magic iRIID App
has been tested to meet all of the technical requirements to be Windows® 8 Compatible.

Virtual Gesture PC Controller Innovation

Mydison **Mission Statement**

To those that appreciate the latest in Computer Technology, Mydison offers an effortless gesture based experience, so as to control and interact with advanced technology at ease, just by moving hands.

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Mydison Limited

Magic iRIID App – 3D computer video vision virtual interface App using Microsoft Kinect sensor camera to watch users and to allow them to move hands so as to control their computer. Magic iRIID has 4 computer user input interface methods to allow you full control of your computer - the way you wanted - just like in Sci-Fi movies. The 1st method is Virtual Mouse Touch Screen interface, 2nd method is Virtual Keyboard Interface, 3rd method is Special Customize Virtual Interface for specific application and 4th method is Virtual Remote Controller Interface for Home Theater electronics TV, DVD, Xbox One. Magic iRIID includes several Apps features: Magic iRIID App can be used for business & personal video and music entertainment, and also it provides Marketing App feature designed for business owners, executives, and sci-fi movie fans. Business owners can use Magic iRIID for marketing Games & Apps so as to promote own business services and products. In addition, Magic iRIID supports voice feedback, and Narrator screen reader; Easy of Access features enable also unsighted users to operate virtual computer interface to read eBooks learning new skills and knowledge.

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Magic iRIID App User Manual

Product: Magic iRIID Virtual Remote Controller Interface For Home Theater and Marketing App
Vendor name: **Mydison Limited**, URL: http://**www.Mydison.com**,
Download Magic iRIID Remote Controller Script; does not provide any remote controller IR code.
Requirement: Email Support@Mydison.com request Free Trial download link access and password.

Description:

Magic iRIID enhances your Home Theater entertainment. Watch TV and movies with enriched hands gesture control and Magic iRIID allows you to move hands to control the entire Home Theater systems devices such as TV, projector, DVD, Xbox One, Stereo, FM, AM Radio, Sirius Radio, CD/MP3 Player, room & disco lights, air condition, fan, window tint. You can control all Home devices with simple hand movements Up, Down, Left, Right, and Push. Magic iRIID has Hand-Sign Input method, allows you to do Hand Grab&Hold virtual command keys, hammering, rotate fishing hear, playing tennis, ping pong, boxing actions and for repeating just enter same command. In addition, business owners can use Magic iRIID App to boost business service and product presentation. Use Magic iRIID for fancy gesture conference room control. Magic iRIID App included marketing games: Gold Coin Game, Slot Machine Game, Air Keyboard Game, Space Sweep Game, and Slide Puzzle Game. Download your copy of Magic iRIID for Home Theater App to enjoy a room full of Awesome Magic iRIID power.

Magic iRIID App Standard Features included:

- **Automatic user measurement**, so as to establish **3D Virtual Work Zone Interface** in front of user
- Calibration **Virtual Computer User Interface** within approx. 25 cm distant range in front of user.
- The App calibrates virtual remote controller keyboard for control Home Theater electronics control such as **TV, projector, DVD, Xbox One, stereo, FM, AM Radio, Sirius Radio, CD/MP3 Player, room & disco lights, air condition, fan, window tint** operations.
- User move hands to touch the Virtual Keyboard Interface through **select & push to click virtual keys**.
- Magic iRIID display visual feedback and voice feedback respond, so user knows which keys to select.
- Magic iRIID has **Hand-Sign function** (You can **hand grab action to hold virtual key**)
- Once you hold the virtual key, you **can do hammering, rotate fishing gear, boxing actions enter key**.
- Use "LockUp" to lock gesture input and useful to prevent unintentional input example watching movie.
- Magic iRIID App automatically reading out such virtual key command that you have selected on.
- When you do Hand Grab & Hold action, Magic iRIID tells the Interface name and command key name.
- Magic iRIID App is designed for Home entertainment applications.
- Using Magic iRIID For Marketing, Promote Your Business, Boost Service & Products Presentation

Customize virtual user Interface for your business app:

- Magic iRIID is a patented technology.
- Magic iRIID virtual computer user Interface can be designed and customized build with specific Apps.
- Contact Support@Mydison.com for detail to upgrade your business app service & product presentation.

Magic iRIID App Hardware & Software Requirements:

Require: **Xbox One Kinect sensor** + The Kinect Adapter cable for Windows or Kinect for Windows v2 sensor.

Computer Laptop Requirements:

1. 64-bit (x64) processor
2. Dual-core 3.1-GHz (2 logical cores per physical) or faster processor
3. 4 GB RAM
4. Graphics card that supports DirectX 11
5. 1 x USB 3.0 controller
6. Display Native screen Resolution 1920 x 1080.
7. USB-UIRT cable (Universal Infrared Receiver/Transmitter)*

Software Requirements:

1. Windows 8.1, 64 bits, English version
4. Keyboard Layout Setting: US-English
5. Kinect SDK 2.0
6. .NET Framework 4.52+
7. Install Magic iRIID Games (optional)
8. Microsoft PowerPoint (optional)

9. For Voice Feedback, enable Microsoft Windows Text to Speech, (Windows 8.1)
To setup go to Control Panel, click Ease of Access, click Speech Recognition, ON the Left side mean click Text to Speech, the Speech Properties windows will pop up. Select Voice option: Microsoft Zira Desktop – English, click preview voice button, you should be able to hear reading voice. You can set voice speed slow or fast. Just Click "Apply".

10. Home automation software like EventGhost, For Virtual TV, DVD, Xbox One Interface. Magic iRIID only supports virtual remote controller keys Interface. It does not provide remote controller Infrared (IR) signal code. User must already have USB-UIRT cable, TV, DVD, Xbox one remote controllers and be familiar with How to use 3rd party Home automation software like EventGhost as to record their remote controller (IR) signals to event trigger actions.

For an easy setup, we provide Program script ready to use with EventGhost Program.
You can use EventGhost Program to open the provided script and record all your remote controller buttons' (IR) signals to the each of trigger actions. Afterwards, please save your remote controller IR signal code to the trigger actions, Magic iRIID will be able to follow your hands command to control Home Theater devices.

***If you use different remote method X10 Radio Frequency (RF) instead of USB-UIRT (IR) Signal cable.**
The script trigger action can be changed to other Home automation control method such X10, Radio Frequency (RF) instead of USB-UIRT. **For example, in script for LIGHTS control, change USB-UIRT to X10 action.**

Setup Magic iRIID Virtual Computer Interface Station

1

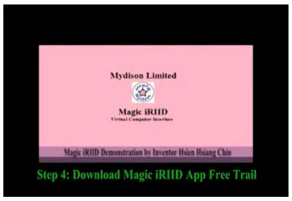
2

3

4

5

Step 3:
Install Kinect Sensor for Windows
When connect Kinect sensor,
Windows will auto detect new device ,
Follow the installation steps
6



7

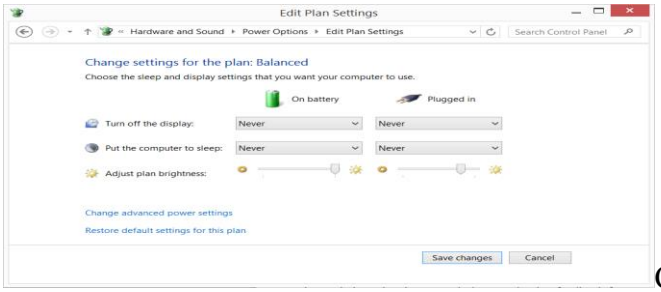
8

Modern laptop Install Windows 8.1 64 bit (English) , US English keyboard setting.
Plug in Kinect One sensor to laptop and Install Kinect sensor driver
Download and Install Microsoft Kinect SDK 2.0
Download and Install Magic iRIID Windows 64-bit URL:
https://www.Mydison.com/Files/MGRC/setup.exe
*Please email to Support@Mydison.com as to obtain a free trial installation password.

Are You ready! Magic iRIID creates 3D computer video vision Interface in front of you.
Magic iRIID can vision reading up to 6 people. May also support 1 adult user input command at a time.
Reading distant: 1m ~ 4.5 m. Magic iRIID total tracking, user allows to move, walk, sit, and stand within sensor camera view. Plus real-time visual screen windows and voice feedback features.

For make Power Point presentation:
Connect laptop to TV screen or Projector
(**Set TV/Projector screen as Primary Display, laptop as a 2nd Display**)

Details Steps to **Set Laptop Computer to Never Sleep in Windows 8.1 Power Options**.
Step 1: Click Battery icon on the Right-Bottom corner of screen.
Click "More Power Option" and The Power Options Windows will Pop Up.
Or From Control Panel -> Hardware and Sounds -> Power Options
Step 2: Click "When The Computer Sleeps" option and set all to "NEVER" for on Battery and Plugged In



Click "Save Changes"

Magic iRIID Station Style For Artist, Business, to boost trade show, Art & Sale center presentation

Magic iRIID TV Stand Style

Magic iRIID Projector Style

How to operate Magic iRIID

For the best reading input accuracy, user stands in front of Kinect sensor, and keeps body shoulder facing in parallel with Kinect sensor.

The "G&B" is default gesture input method. Open hand to select keys, and then Hold hand to Click keys.
The [X] is calibration zone allow user move hands to define personal virtual keyboard.
Move your hands, push left and right [X] several times, Magic iRIID will recalibrate virtual keyboard for you.

Magic iRIID has 2 ways to Select and Click Virtual Keys

1st Hand Movements to Select and Click input method:

Move Hands Up, Down, Left, Right Select and Push to Click Virtual Key
When move hands, Magic iRIID will visual display highlight keys; therefore, user know which virtual keys are selected.

2nd Hand Sign to Select and Click input method:

Magic iRIID has Hand-Sign input function (You can hand grab action to hold virtual key)

Once you hold the virtual key, you can swing the hand in directions to enter same key.

1. Open hand to select any virtual key
2. Do Hand Grab& Hold action
3. Once Hand Hold any virtual key,
   User can do hand actions such as **boxing, punching, hammering, playing tennis, rotating fishing gear** …etc.
   Hand-Sign actions to input click the same key.

This Magic iRIID Hand-Sign Input function is useful for repeating click on the same key, such as for Mouse Control key UP, Down, Left, Right functions.

Magic iRIID has 2 voice feedback respond features

Magic iRIID reading out key command, so user can still know what key to use without watching display monitor.
1st Direct voice feedback: When Move Hands Up, Down, Left, Right on virtual key, Magic iRIID will be reading virtual key name.
2nd Hand Sign voice feedback: User can do hand Grab &Hold action to hold any virtual key, Magic iRIID will tell which screen Interface and command keys that user hands hold.

Troubleshooting Tips:

Magic iRIID support calibration zone on each virtual interface center area.
The [X] is calibration zone allow user move hands to define personal virtual keyboard.
Move your hands in center area, and full length push left [X] and right [X] several times,
Magic iRIID will recalibrate virtual keyboard for you.

If Magic iRIID visual feedback still not respond hand moving selection well,

A. User can switch hand to select (Left & Right both virtual keyboard)
B. Put down hands to disengage and raise hands to re-engage.
C. Move stand position or slightly walk as to change standing position.
D. Walk out of Kinect Camera view and come back to reinitiate engagement.
E. When close and re-open Magic iRIID, Program will reset all original setting.
F. Wipe-Clean Kinect sensor camera and Stand directly in front of Kinect sensor.
G. In "Setting" Windows has customized keys "Key-S" (small), "Key-L" (large) to change virtual keyboard size and "Speed-S" (Slow), "Speed-N" (Normal), "Speed-F" (Fast) to change vision reading speed.
H. The default video vision configuration is "Key Size-L" and "Speed-N".
I. **Set Laptop Computer to Never Sleep in Windows 8.1 Power Options**.
J. **Magic iRIID is designed 1 user gesture input, try hand cover Kinect camera only see you and walk back**.

To Improve High Input Reading Accuracy and Usage Safety:

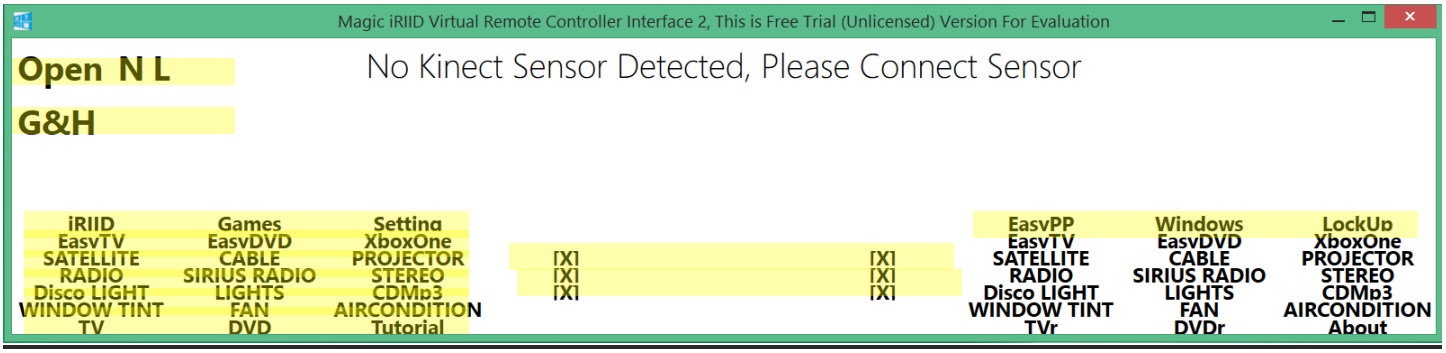
External factors could affect reading accuracy, here are some tips:

- Try arranging Kinect sensor in different location and User stand position to find the best location.
- Clean wipe Kinect sensor camera and Stand directly in front of Kinect sensor.
- Setting your room light source and direction …etc.
- Your clothes, colours, outfit shapes could affect reading too.
- Standing position right in front and parallel with Kinect camera view is the best.
- **Best is that user stands in front of Kinect sensor & keeps body shoulder face parallel with Kinect sensor.**
- It is not about how hard you can hit the keys, but how calm and steady your hand movements are.
- Practice Makes Perfect!
- Use Hand Grab and Hold action input method to improve higher input reading accuracy.
- Only use Magic iRIID control Games and Entertainment Applications.

Usage Safety

- Ensure free space zone: should be no objects or people around you while operating Magic iRIID Interface.
- Do not hand hold any object nor hot drink while operating Magic iRIID Interface.

Magic iRIID For Home Theather Interfaces Screenshots:



This is “iRIID” main Interface window (Home) of all virtual Home Theater Interfaces, plus “Games”, ”EasyPP” PowerPoint presentation and “Settings” to customized colors, change vision reading speed, virtual keyboard size Interfaces. Magic iRIID provide Both LEFT and RIGHT sides, Dual Virtual Keyboard Interface.

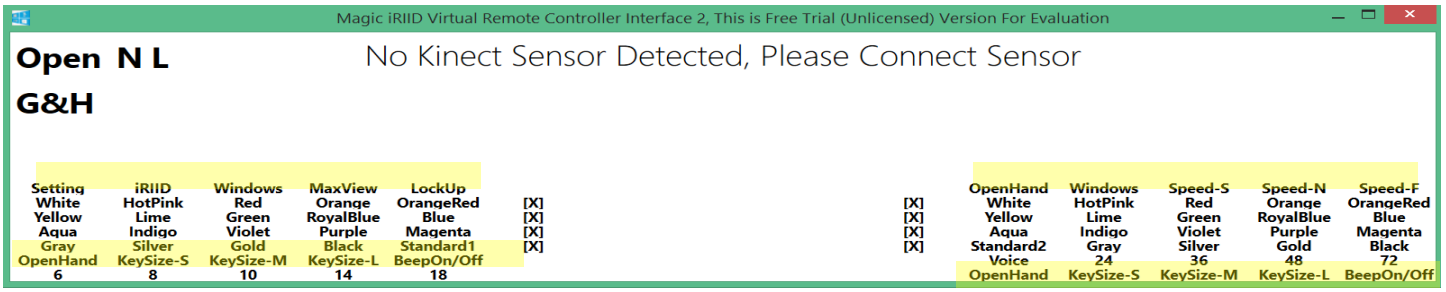
The “Open” indicate user hands are not touch virtual keyboard zone.

The ”N” indicate the vision speed is Normal speed. The “L” is indicate the virtual keyboard size is Large.

The “G&B” is default gesture input method. Open hand to select keys, and then Hold hand to Click keys.

The [X] is calibration zone allow user move hands to define personal virtual keyboard.

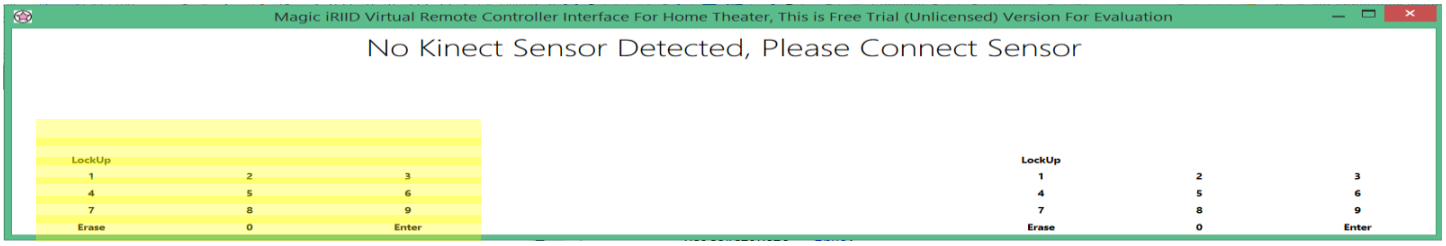
Move your hands, push left and right [X] several times, Magic iRIID will recalibrate virtual keyboard for you.


Magic iRIID Virtual Remote Controller Interface 2, This is Free Trial (Unlicensed) Version For Evaluation
Open N L
G&H
No Kinect Sensor Detected, Please Connect Sensor
Setting iRIID Windows MaxView LockUp
White HotPink Red Orange OrangeRed
Yellow Lime Green RoyalBlue Blue
Aqua Indigo Violet Purple Magenta
Gray Silver Gold Black Standard1
OpenHand KeySize-S KeySize-M KeySize-L BeepOn/Off
6 8 10 14 18
[X] [X]
[X] [X]
[X] [X]
[X] [X]
OpenHand Windows Speed-S Speed-N Speed-F
White HotPink Red Orange OrangeRed
Yellow Lime Green RoyalBlue Blue
Aqua Indigo Violet Purple Magenta
Standard2 Gray Silver Gold Black
Voice 24 36 48 72
OpenHand KeySize-S KeySize-M KeySize-L BeepOn/Off

This is “Settings” Interface that enables to change colors, vision reading speed and virtual keyboard size.

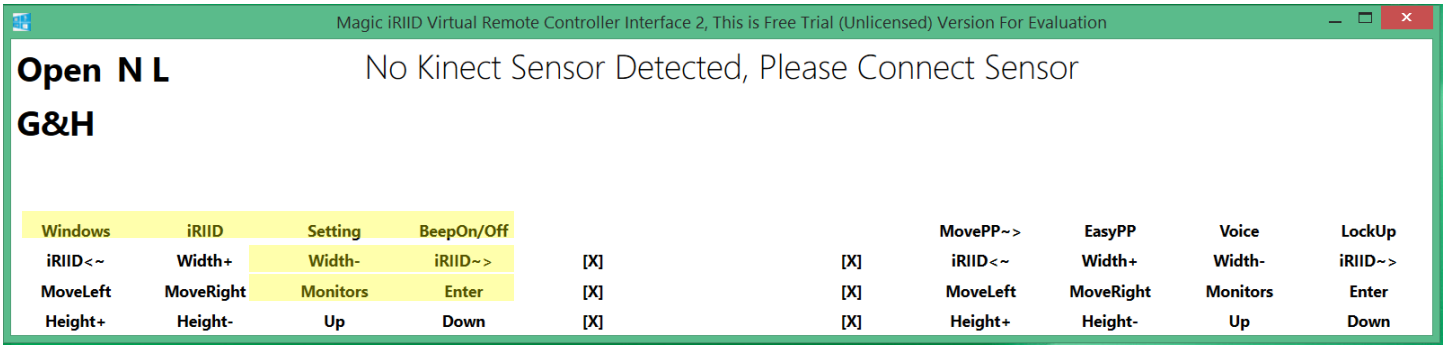
The default gesture input is G&H, you need to open hand to select key, and then do hold hand to click selected.

Use the “OpenHand” to enable both open hand gesture input and G&H input to click keys.

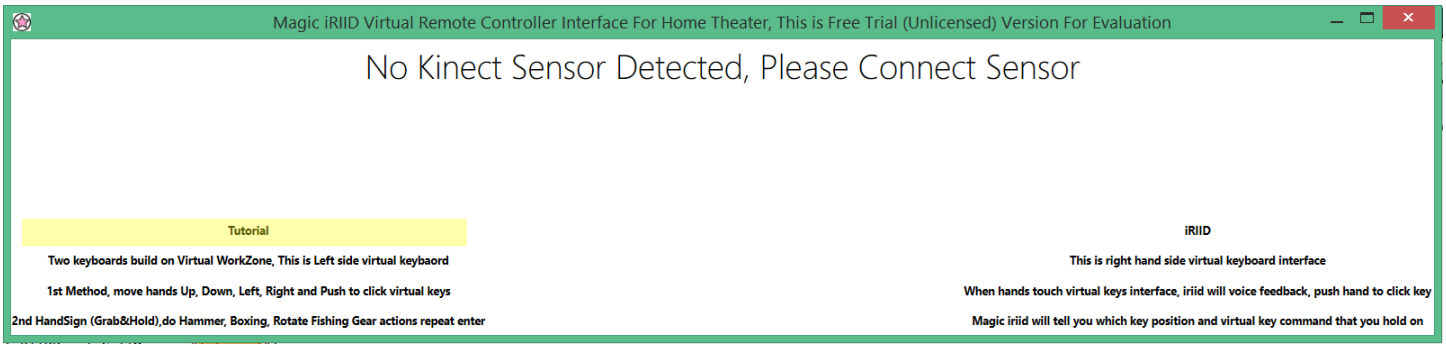

Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
LockUp
1 2 3
4 5 6
7 8 9
Erase 0 Enter
LockUp
1 2 3
4 5 6
7 8 9
Erase 0 Enter

This is a “LockUp” Interface: enter numbers to set password protection.

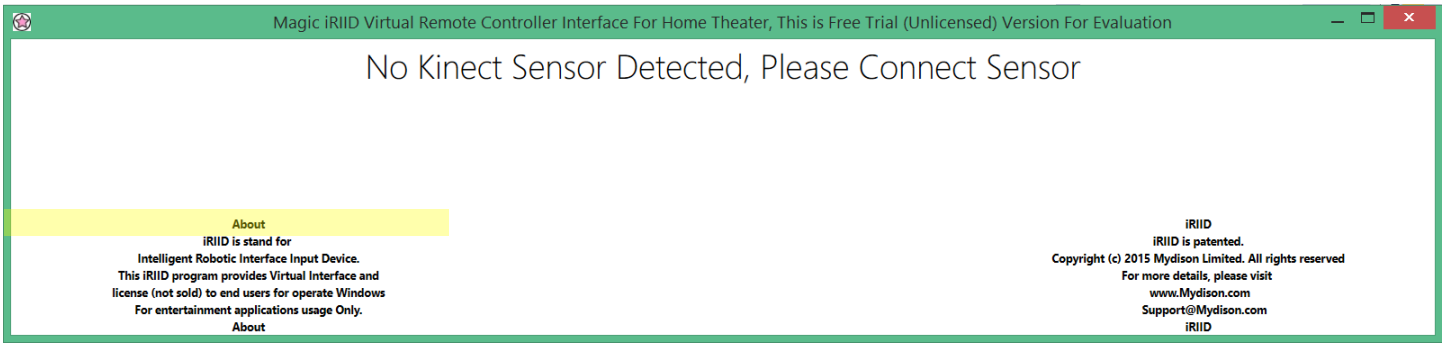
1. To control gesture access, Click “LockUp” from “iRIID” main window
   Click Numbers 0-9 and click “enter” to set password, Click “Erase” to correct password.
   Type correct password and click “Enter” to grant access to “iRIID” window
   Close Magic iRIID Program and restart will unlock password protection.
2. To prevent unintentional input
   Click “LockUp” from any other App Interface, will create shortcut on top line, without password.



“Windows” Interface to set Monitors, and move and adjust iRIID windows.

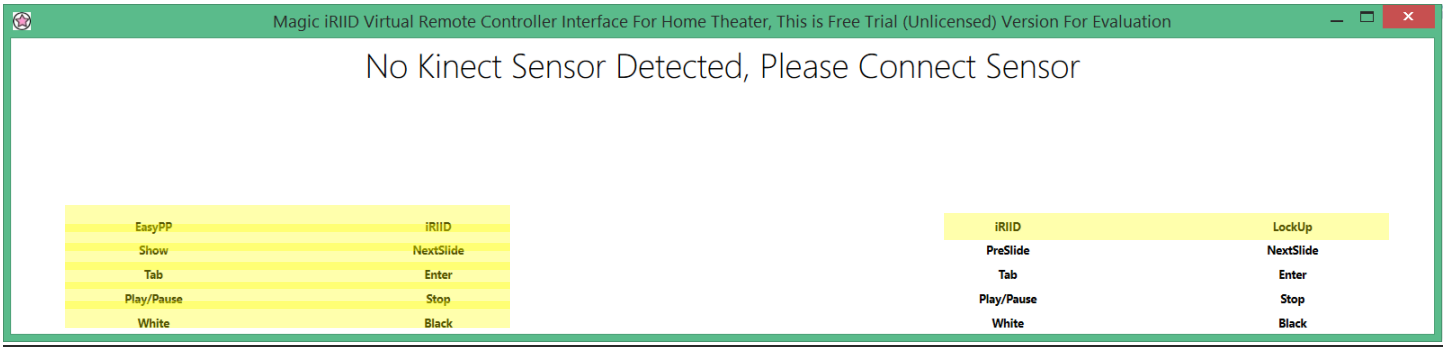

Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Tutorial
Two keyboards build on Virtual WorkZone, This is Left side virtual keybaord
1st Method, move hands Up, Down, Left, Right and Push to click virtual keys
2nd HandSign (Grab&Hold),do Hammer, Boxing, Rotate Fishing Gear actions repeat enter
iRIID
This is right hand side virtual keyboard interface
When hands touch virtual keys interface, iriid will voice feedback, push hand to click key
Magic iriid will tell you which key position and virtual key command that you hold on

“Tutorial” Interface to show basic Magic iRIID operation tips.

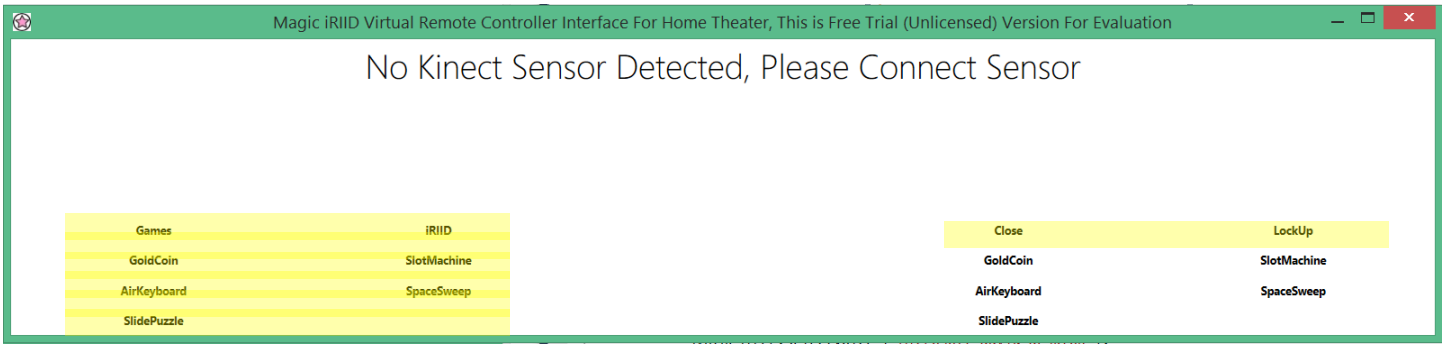

Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
About
iRIID is stand for
Intelligent Robotic Interface Input Device.
This iRIID program provides Virtual Interface and
license (not sold) to end users for operate Windows
For entertainment applications usage Only.
About
iRIID
iRIID is patented.
Copyright (c) 2015 Mydison Limited. All rights reserved
For more details, please visit
www.Mydison.com
Support@Mydison.com
iRIID

“About” Interface to show iRIID App purpose and Mydison Limited see contact information.

1st Interface method: Special Customize Virtual Interface for specific application Screenshots

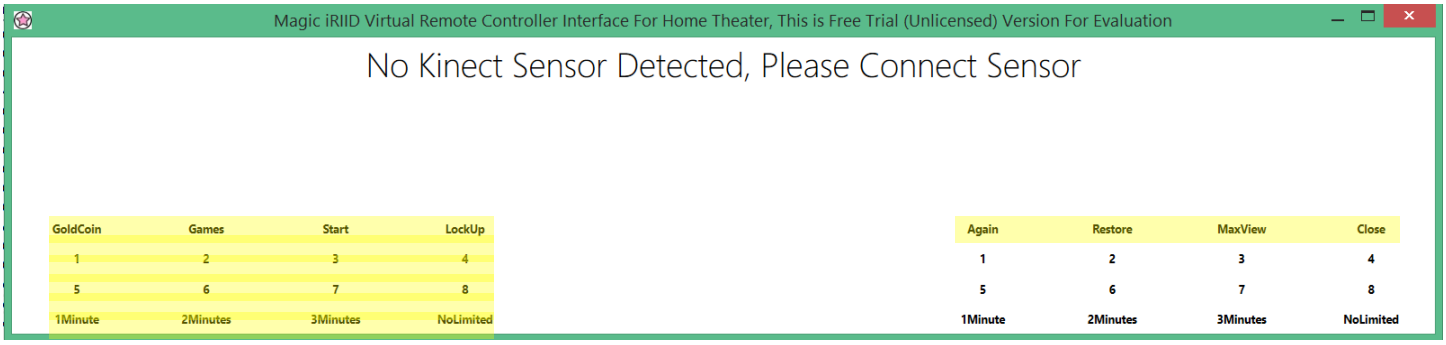


"EasyPP" customized keyboard Interface, control 1 opened Microsoft PowerPoint presentation.

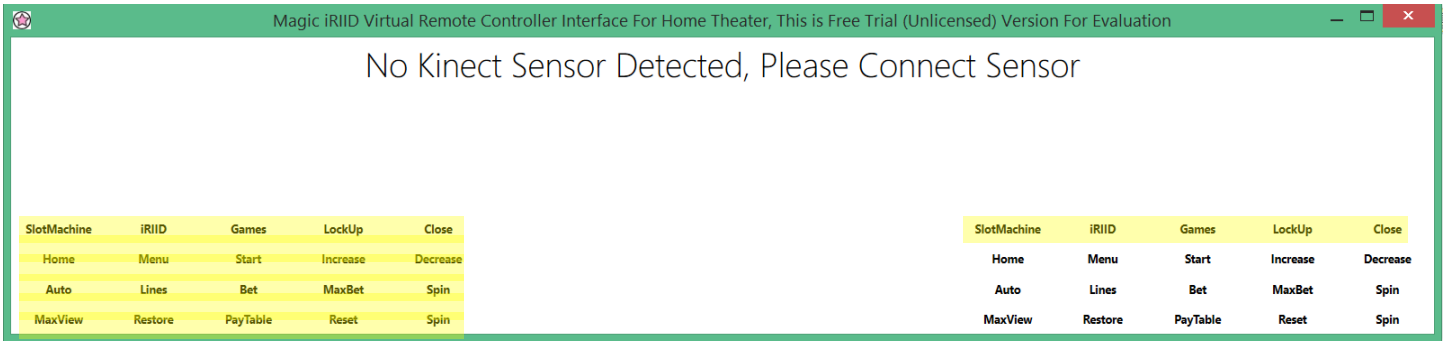


This is "Games" menu Interface; you can select which marketing game to play.

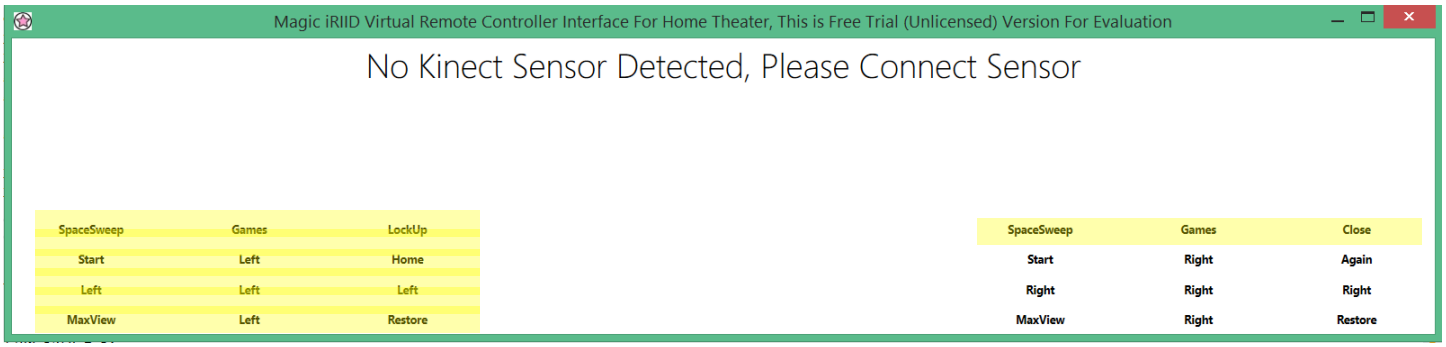
Marketing Game Samples special customize keyboard Interface window.



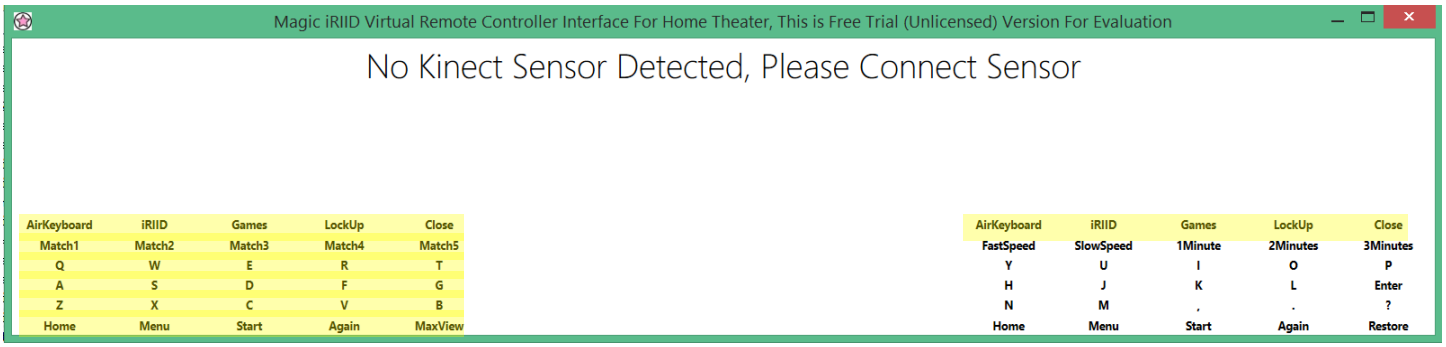
"GoldCoin" Interface, customized keyboard Interface (i.e., play game fire light balls like IronMan).


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
SlotMachine iRIID Games LockUp Close
Home Menu Start Increase Decrease
Auto Lines Bet MaxBet Spin
MaxView Restore PayTable Reset Spin
SlotMachine iRIID Games LockUp Close
Home Menu Start Increase Decrease
Auto Lines Bet MaxBet Spin
MaxView Restore PayTable Reset Spin

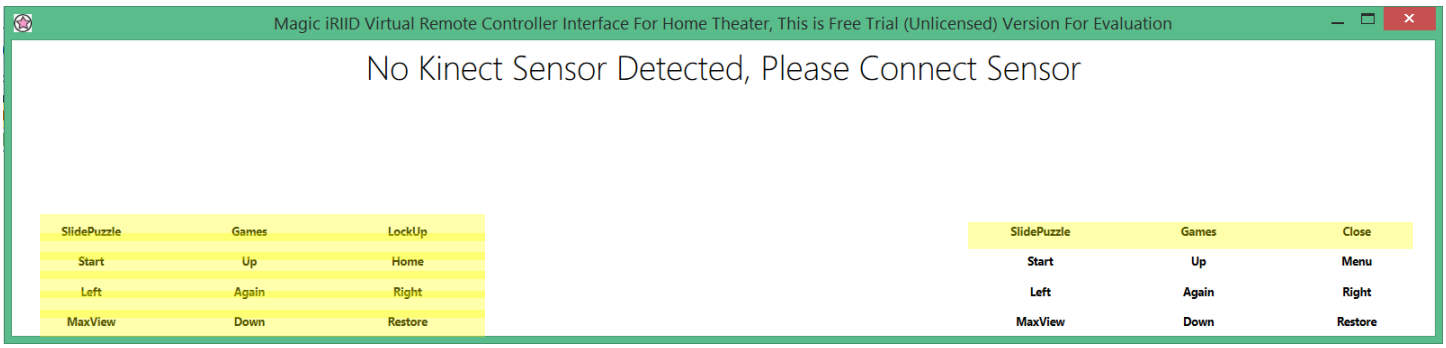
"SlotMachine" Interface: customized keyboard Interface.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
SpaceSweep Games LockUp
Start Left Home
Left Left Left
MaxView Left Restore
SpaceSweep Games Close
Start Right Again
Right Right Right
MaxView Right Restore

"SpaceSweep" Interface: customized keyboard Interface.

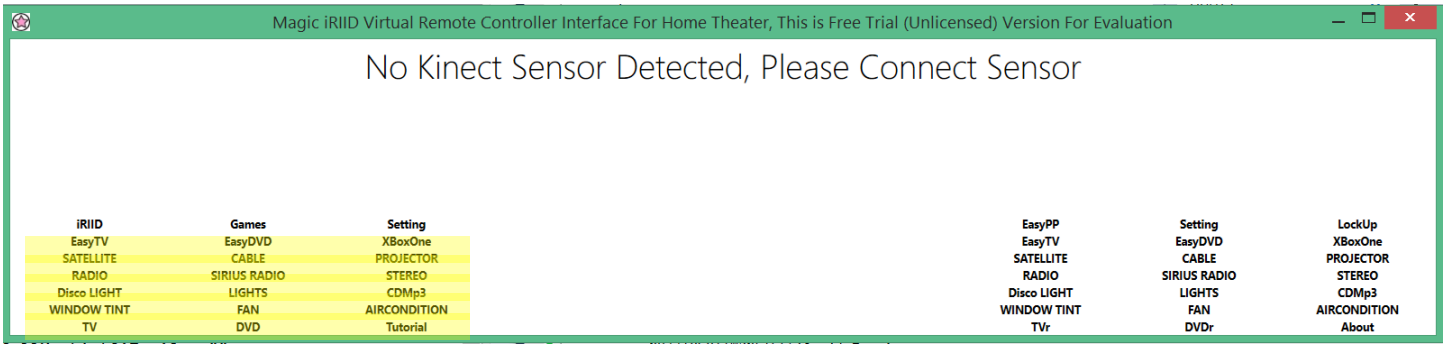

Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
AirKeyboard iRIID Games LockUp Close
Match1 Match2 Match3 Match4 Match5
Q W E R T
A S D F G
Z X C V B
Home Menu Start Again MaxView
AirKeyboard iRIID Games LockUp Close
FastSpeed SlowSpeed 1Minute 2Minutes 3Minutes
Y U I O P
H J K L Enter
N M , . ?
Home Menu Start Again Restore

"AirKeyboard" Interface: customized keyboard Interface.

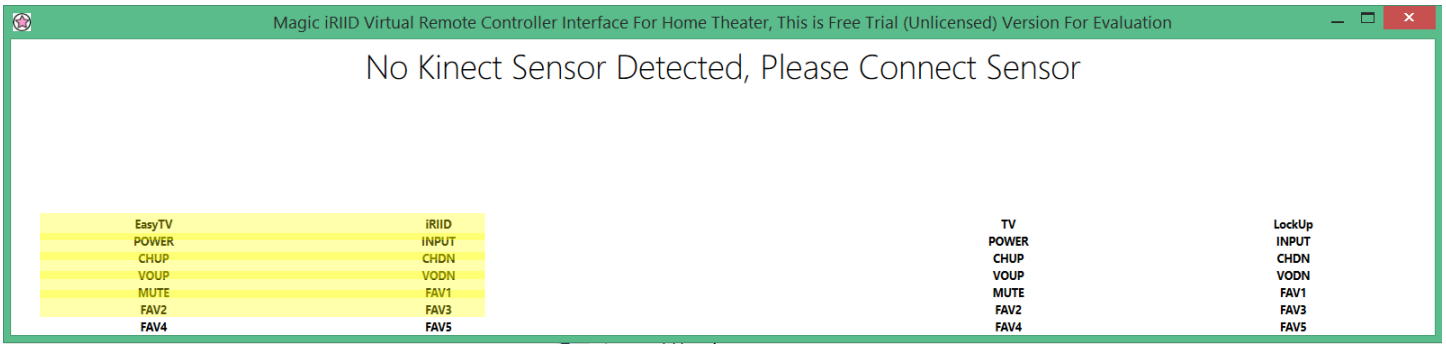

Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
SlidePuzzle Games LockUp
Start Up Home
Left Again Right
MaxView Down Restore
SlidePuzzle Games Close
Start Up Menu
Left Again Right
MaxView Down Restore

"SlidePuzzle" Interface: customized keyboard Interface.

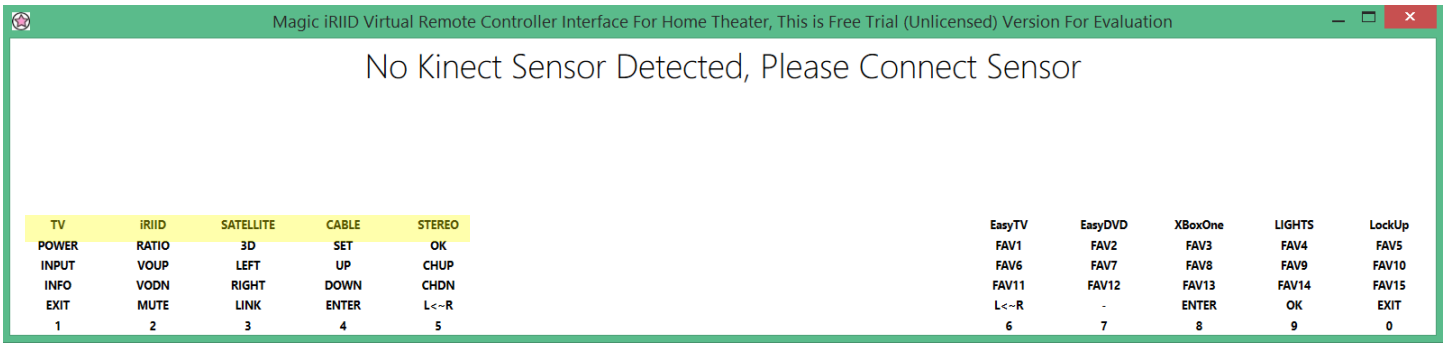
2nd Interface method: Virtual Remote controller Interface for Home Theather electronics Screenshot


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
iRIID Games Setting
EasyTV EasyDVD XBoxOne
SATELLITE CABLE PROJECTOR
RADIO SIRIUS RADIO STEREO
Disco LIGHT LIGHTS CDMp3
WINDOW TINT FAN AIRCONDITION
TV DVD Tutorial
EasyPP Setting LockUp
EasyTV EasyDVD XBoxOne
SATELLITE CABLE PROJECTOR
RADIO SIRIUS RADIO STEREO
Disco LIGHT LIGHTS CDMp3
WINDOW TINT FAN AIRCONDITION
TVr DVDr About

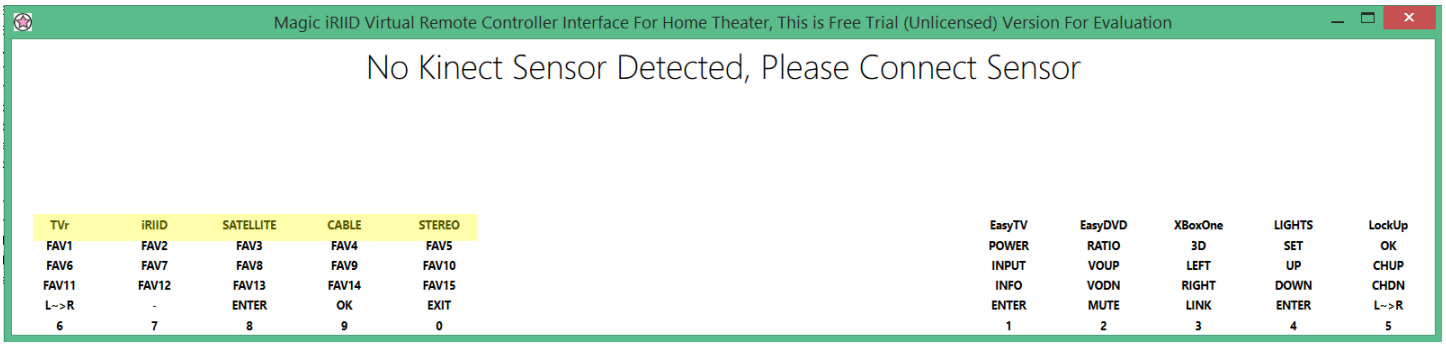
This is "iRIID" Home of all virtual Home Theater Interfaces.



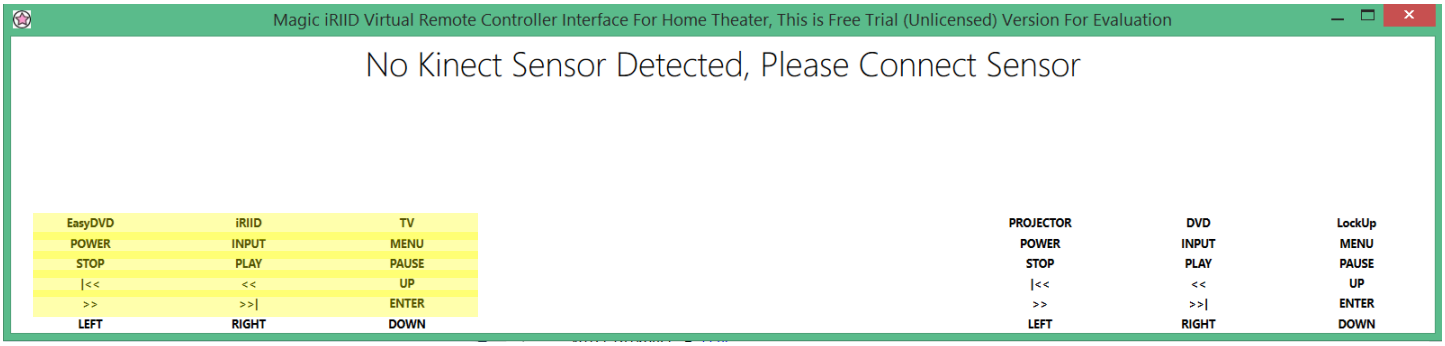
"EasyTV" virtual remote controller Interface window, TV remote controller keys


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
TV iRIID SATELLITE CABLE STEREO
POWER RATIO 3D SET OK
INPUT VOUP LEFT UP CHUP
INFO VODN RIGHT DOWN CHDN
EXIT MUTE LINK ENTER L<~R
1 2 3 4 5
EasyTV EasyDVD XBoxOne LIGHTS LockUp
FAV1 FAV2 FAV3 FAV4 FAV5
FAV6 FAV7 FAV8 FAV9 FAV10
FAV11 FAV12 FAV13 FAV14 FAV15
L<~R - ENTER OK EXIT
6 7 8 9 0

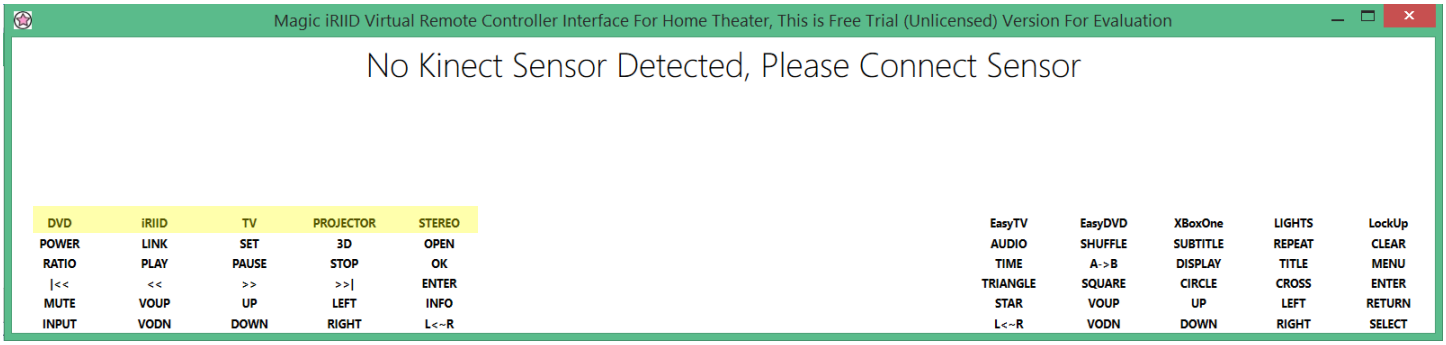
"TV" Interface for complex remote controller keys (Left hand side). Click"<~" switch side


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
TVr iRIID SATELLITE CABLE STEREO
FAV1 FAV2 FAV3 FAV4 FAV5
FAV6 FAV7 FAV8 FAV9 FAV10
FAV11 FAV12 FAV13 FAV14 FAV15
L~>R - ENTER OK EXIT
6 7 8 9 0
EasyTV EasyDVD XBoxOne LIGHTS LockUp
POWER RATIO 3D SET OK
INPUT VOUP LEFT UP CHUP
INFO VODN RIGHT DOWN CHDN
ENTER MUTE LINK ENTER L~>R
1 2 3 4 5

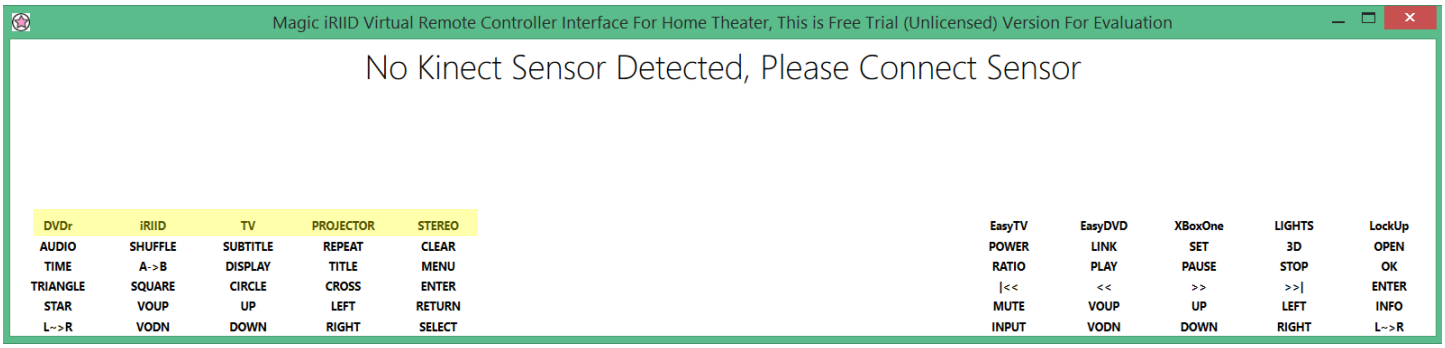
"TV" Interface for complex remote controller keys (Right hand side). Click"<~" switch side


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
EasyDVD iRIID TV
POWER INPUT MENU
STOP PLAY PAUSE
|<< << UP
>> >>| ENTER
LEFT RIGHT DOWN
PROJECTOR DVD LockUp
POWER INPUT MENU
STOP PLAY PAUSE
|<< << UP
>> >>| ENTER
LEFT RIGHT DOWN

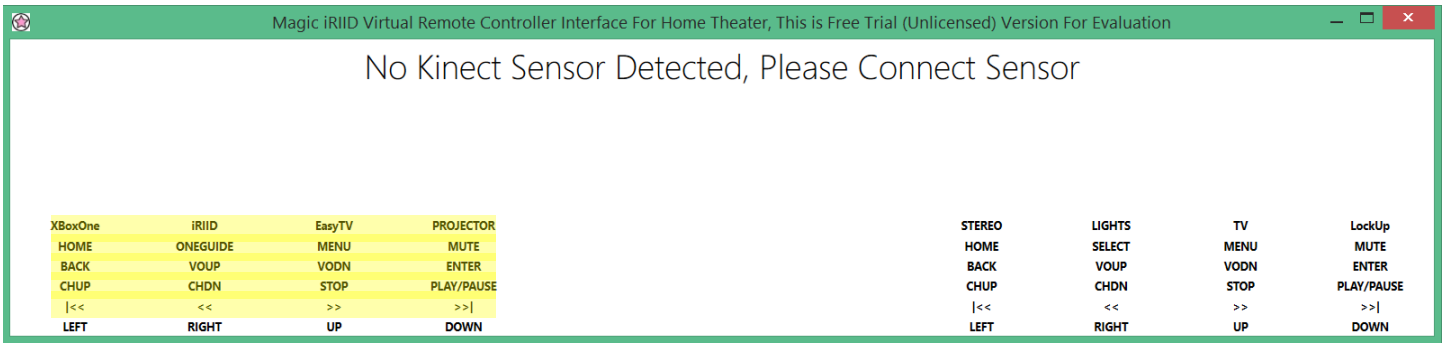
“EasyDVD” virtual remote controller Interface window, DVD remote controller keys


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
DVD iRIID TV PROJECTOR STEREO
POWER LINK SET 3D OPEN
RATIO PLAY PAUSE STOP OK
|<< << >> >>| ENTER
MUTE VOUP UP LEFT INFO
INPUT VODN DOWN RIGHT L<~R
EasyTV EasyDVD XBoxOne LIGHTS LockUp
AUDIO SHUFFLE SUBTITLE REPEAT CLEAR
TIME A->B DISPLAY TITLE MENU
TRIANGLE SQUARE CIRCLE CROSS ENTER
STAR VOUP UP LEFT RETURN
L~>R VODN DOWN RIGHT SELECT

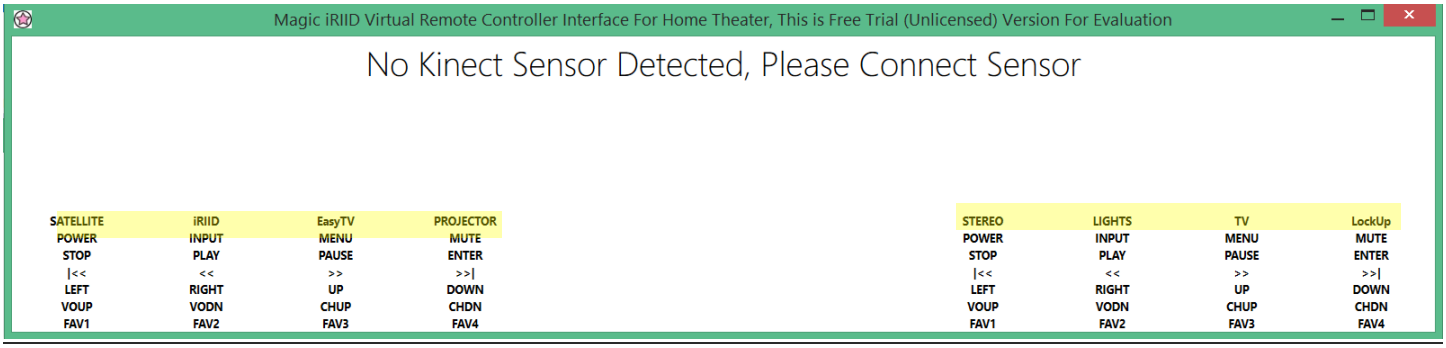
“DVD” Interface for complex remote controller keys (Right hand side).


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
DVDr iRIID TV PROJECTOR STEREO
AUDIO SHUFFLE SUBTITLE REPEAT CLEAR
TIME A->B DISPLAY TITLE MENU
TRIANGLE SQUARE CIRCLE CROSS ENTER
STAR VOUP UP LEFT RETURN
L~>R VODN DOWN RIGHT SELECT
EasyTV EasyDVD XBoxOne LIGHTS LockUp
POWER LINK SET 3D OPEN
RATIO PLAY PAUSE STOP OK
|<< << >> >>| ENTER
MUTE VOUP UP LEFT INFO
INPUT VODN DOWN RIGHT L~>R

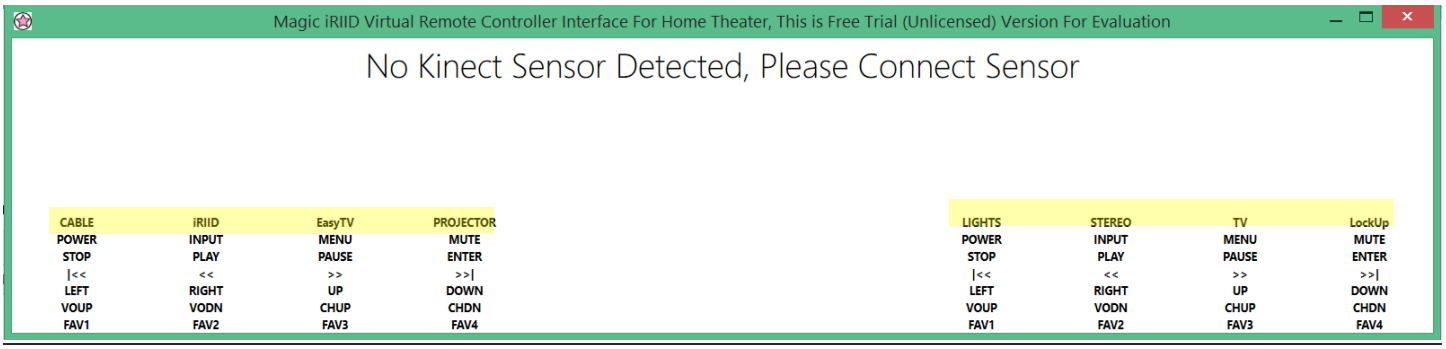
“DVDr” Interface for complex remote controller keys (Right hand side).


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
XBoxOne iRIID EasyTV PROJECTOR
HOME ONEGUIDE MENU MUTE
BACK VOUP VODN ENTER
CHUP CHDN STOP PLAY/PAUSE
|<< << >> >>|
LEFT RIGHT UP DOWN
STEREO LIGHTS TV LockUp
HOME SELECT MENU MUTE
BACK VOUP VODN ENTER
CHUP CHDN STOP PLAY/PAUSE
|<< << >> >>|
LEFT RIGHT UP DOWN

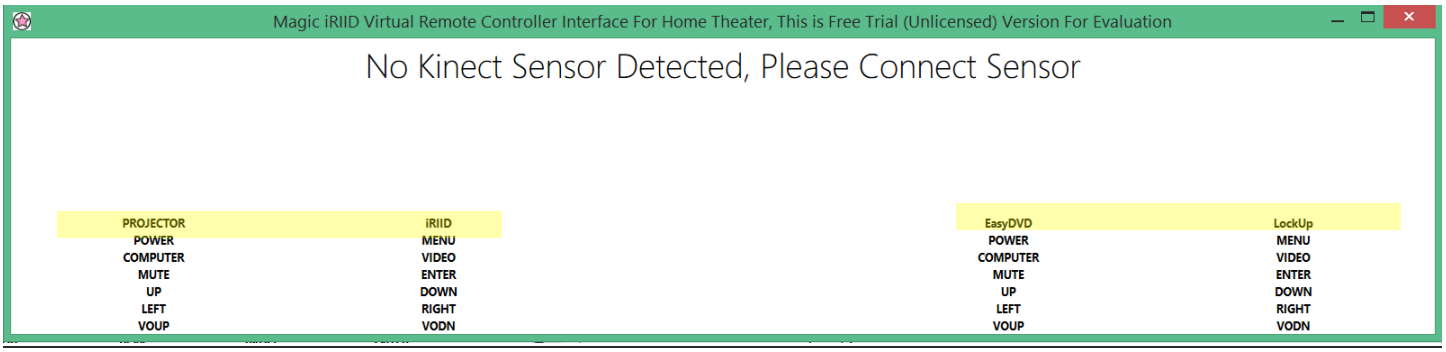
“XboxOne” Interface to remote control Xbox One.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
SATELLITE iRIID EasyTV PROJECTOR
POWER INPUT MENU MUTE
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4
STEREO LIGHTS TV LockUp
POWER INPUT MENU MUTE
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4

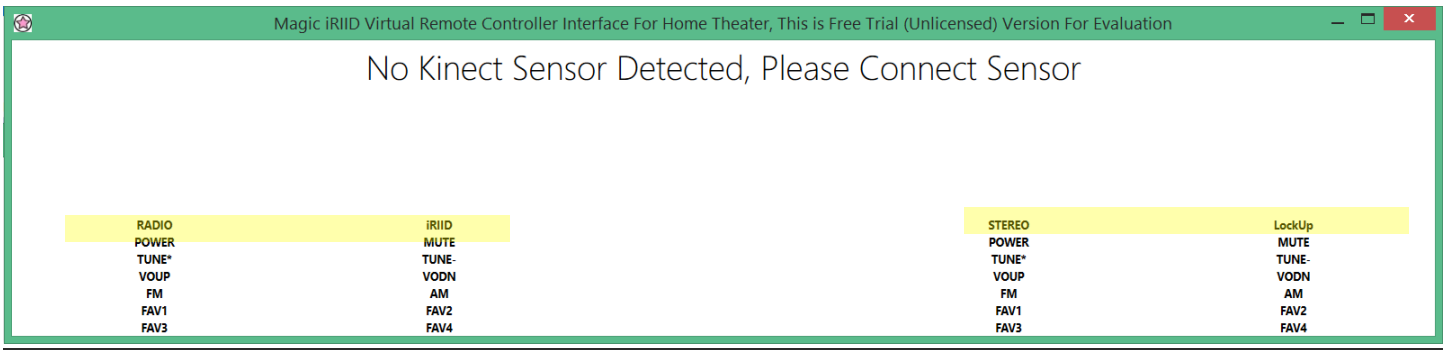
"SATELLITE" Interface to remote control Satellite Box.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
CABLE iRIID EasyTV PROJECTOR
POWER INPUT MENU MUTE
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4
LIGHTS STEREO TV LockUp
POWER INPUT MENU MUTE
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4

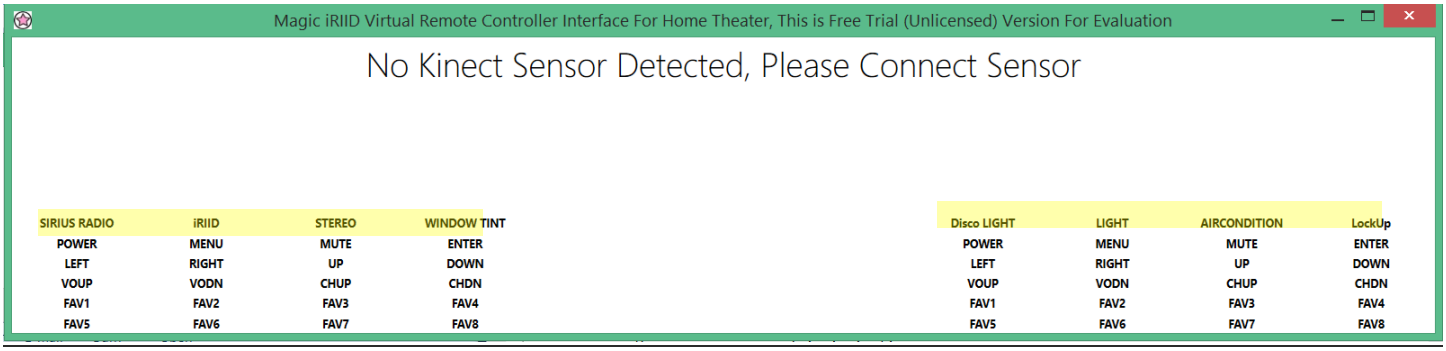
"CABLE" Interface to remote control Cable Box.



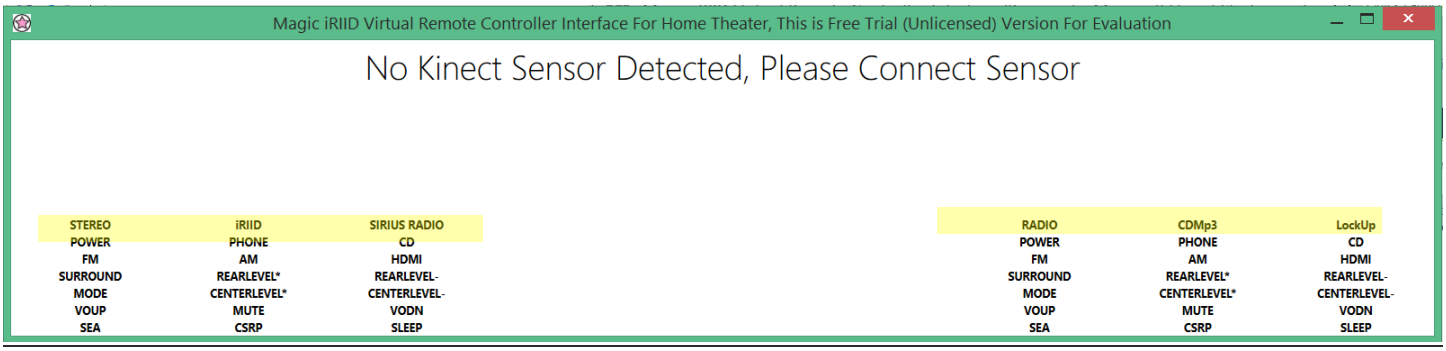
"PROJECTOR" Interface to remote control Projector.



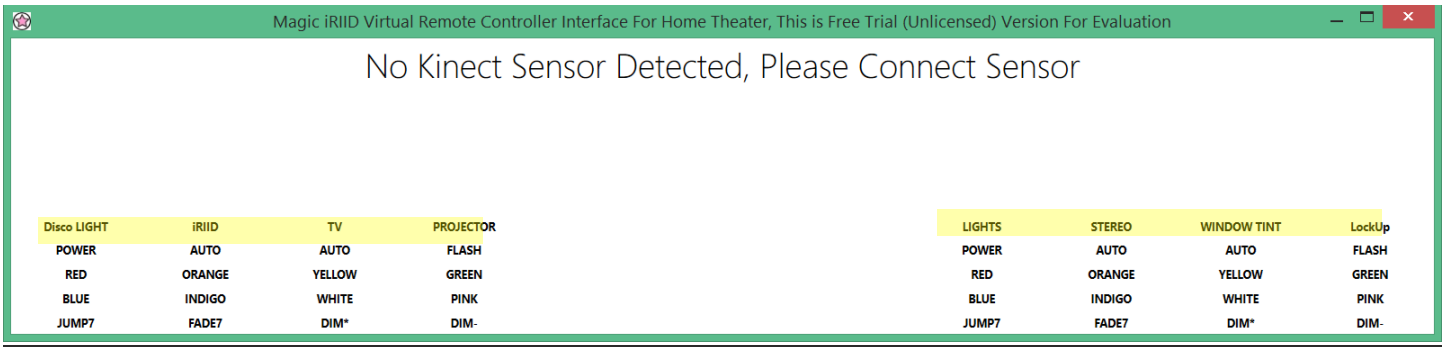
"RADIO" Interface to remote control Radio.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
SIRIUS RADIO iRIID STEREO WINDOW TINT
POWER MENU MUTE ENTER
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4
FAV5 FAV6 FAV7 FAV8
Disco LIGHT LIGHT AIRCONDITION LockUp
POWER MENU MUTE ENTER
LEFT RIGHT UP DOWN
VOUP VODN CHUP CHDN
FAV1 FAV2 FAV3 FAV4
FAV5 FAV6 FAV7 FAV8

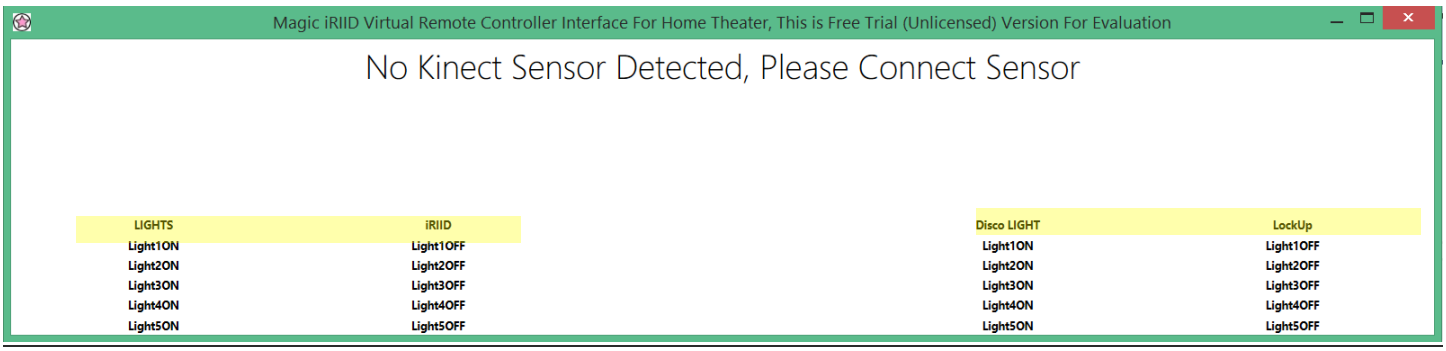
“SIRIUS RADIO” Interface to remote control Sirius Radio.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
STEREO iRIID SIRIUS RADIO
POWER PHONE CD
FM AM HDMI
SURROUND REARLEVEL+ REARLEVEL-
MODE CENTERLEVEL+ CENTERLEVEL-
VOUP MUTE VODN
SEA CSRP SLEEP
RADIO CDMp3 LockUp
POWER PHONE CD
FM AM HDMI
SURROUND REARLEVEL+ REARLEVEL-
MODE CENTERLEVEL+ CENTERLEVEL-
VOUP MUTE VODN
SEA CSRP SLEEP

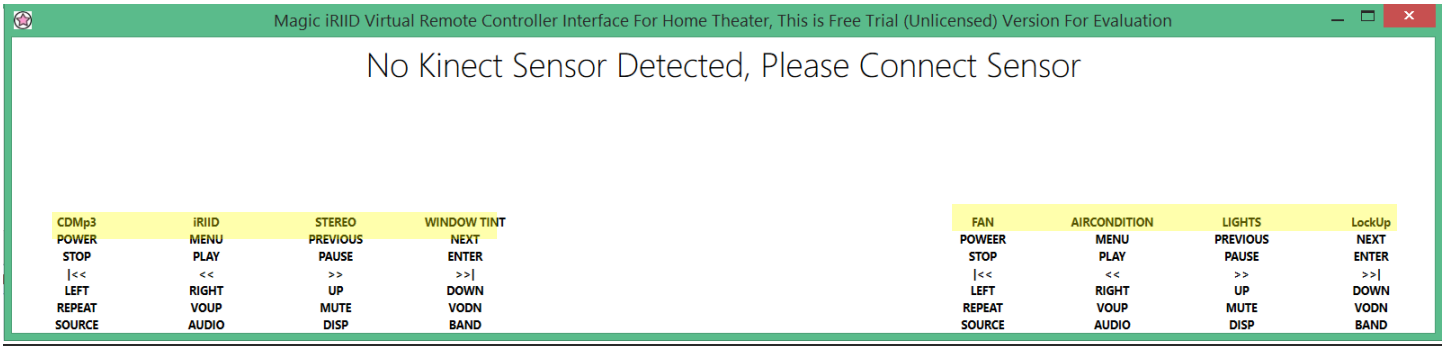
“STEREO” Interface to remote control stereo sound system.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
Disco LIGHT iRIID TV PROJECTOR
POWER AUTO AUTO FLASH
RED ORANGE YELLOW GREEN
BLUE INDIGO WHITE PINK
JUMP7 FADE7 DIM+ DIM-
LIGHTS STEREO WINDOW TINT LockUp
POWER AUTO AUTO FLASH
RED ORANGE YELLOW GREEN
BLUE INDIGO WHITE PINK
JUMP7 FADE7 DIM+ DIM-

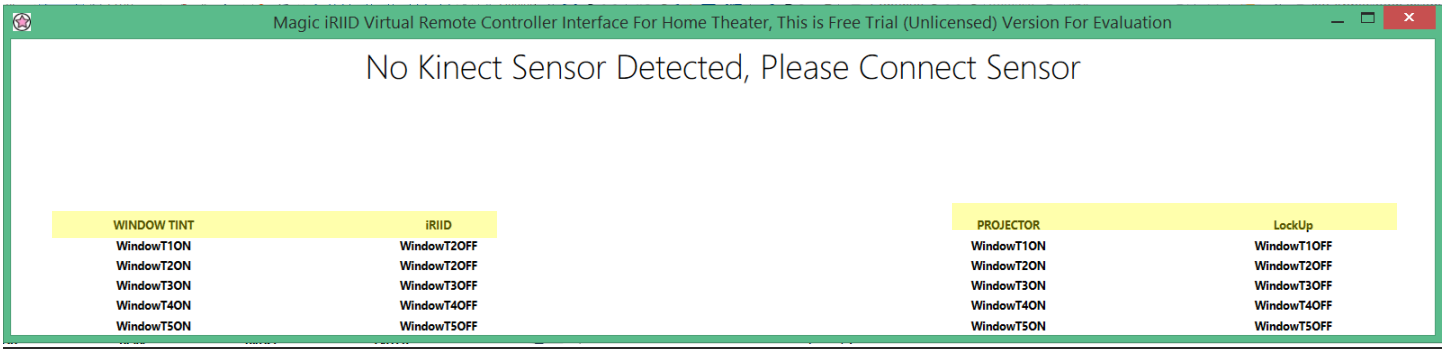
“Disco LIGHT” Interface to remote control disco fancy light settings.



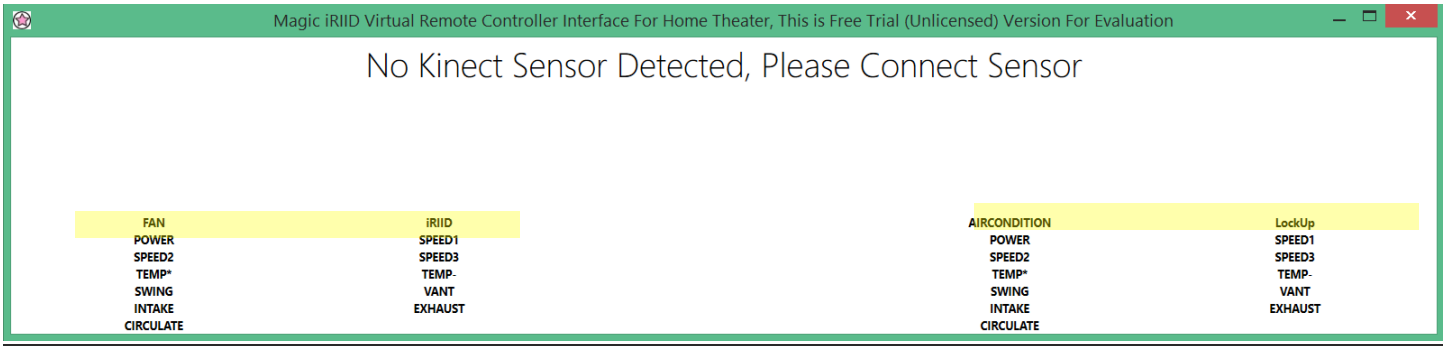
“LIGHTS” Interface to remote control Home Theater room lights groups.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
CDMp3 iRIID STEREO WINDOW TINT
POWER MENU PREVIOUS NEXT
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
REPEAT VOUP MUTE VODN
SOURCE AUDIO DISP BAND
FAN AIRCONDITION LIGHTS LockUp
POWEER MENU PREVIOUS NEXT
STOP PLAY PAUSE ENTER
|<< << >> >>|
LEFT RIGHT UP DOWN
REPEAT VOUP MUTE VODN
SOURCE AUDIO DISP BAND

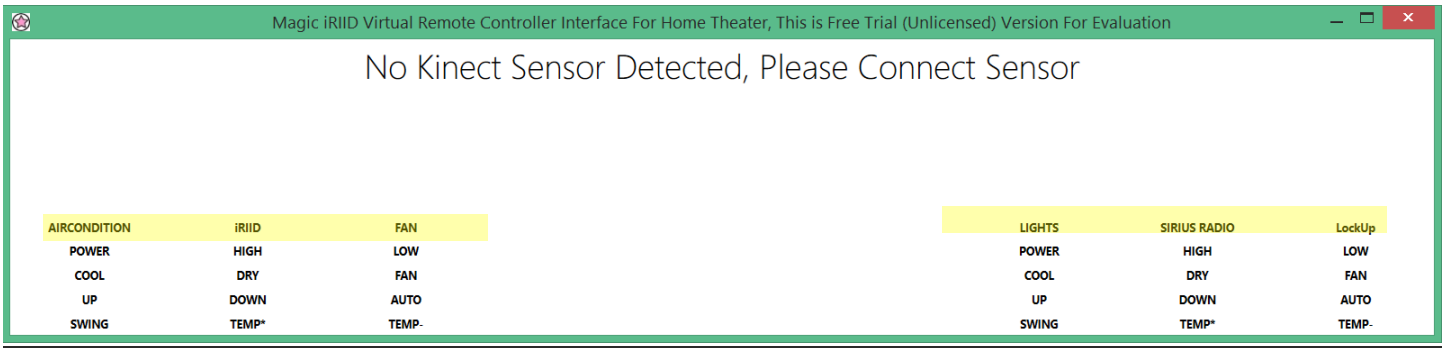
“CDMp3” Interface to remote control CD / MP3 Player.



“WINDOW TINT” Interface to remote control electronic window tint, motor window shades.



“FAN” Interface to remote control fan.


Magic iRIID Virtual Remote Controller Interface For Home Theater, This is Free Trial (Unlicensed) Version For Evaluation
No Kinect Sensor Detected, Please Connect Sensor
AIRCONDITION iRIID FAN
POWER HIGH LOW
COOL DRY FAN
UP DOWN AUTO
SWING TEMP* TEMP-
LIGHTS SIRIUS RADIO LockUp
POWER HIGH LOW
COOL DRY FAN
UP DOWN AUTO
SWING TEMP* TEMP-

“AIRCONDITION” Interface to remote control air condition.

For easier setup, we have prepared "Magic iRIID remote controller script" for EventGhost Home automation Program. User can access EventGhost Program as to open the sample script and save all their remote controller buttons' IR signal to the event trigger for each action.
User must have USB-UIRT cable and remote controller TV, DVD, Xbox One …etc. and be able to use software like EventGhost to record IR signal to event trigger action.

If you use different remote method X10 Radio Frequency (RF) instead of USB-UIRT (IR) Signal cable.
The script trigger action can be changed to other Home automation control method such X10, Radio Frequency (RF) instead of USB-UIRT cable.

For example you use X10 to remote control room LIGHTS, then you can use EventGhost Program to open script. In the LIGHTS folder, change the trigger event USB-UIRT action to X10 action accordingly.

Since most of Home Theater electronics use Infrared (IR) remote controller as industry standard, we provide script use the USB-UIRT cable action as example.

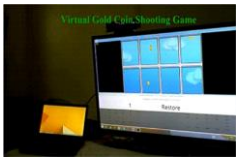
How to Setup Virtual Remote Controller Interface by using USB-UIRT and EventGhost Program.

Please read **Details on How to Setup Virtual Remote Controller Interface Steps** on page 19 for details.

Details on How to Setup Magic iRIID Games Interface Steps:

Install Magic iRIID Games:
Download **Gold Coin Game**: https://www.Mydison.com/Files/GC/setup.exe
Download **Space Sweep Game**: https://www.Mydison.com/Files/SS/setup.exe
Download **Slot Machine Game**: https://www.Mydison.com/Files/SM/setup.exe
Download **Slider Puzzle Game**: https://www.Mydison.com/Files/SP/setup.exe
Download **Space Keyboard Game**: https://www.Mydison.com/Files/SK/setup.exe

Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.
Step 1: Prepare your computer for Magic iRIID Games to be ready for Magic iRIID For Marketing App Program.
Step 2: Open & Move Game shows on Big Screen TV, and adjust size for Upper screen section.
Step 3: Open Magic iRIID, Move Magic iRIID Program show on Big Screen TV and adjust Magic iRIID main windows size for the bottom screen section.

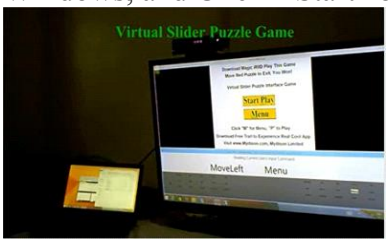


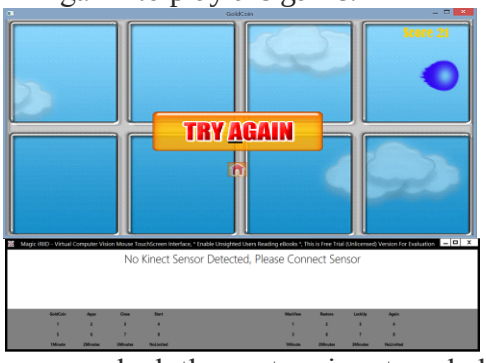
Step 4: When you move hands, Magic iRIID will display visual feedback on the monitor/displayer. On "iRIID" main windows, you can see which keys you have selected. Move the highlight selection to "Apps" and push hands to click.

Magic iRIID will create Games & Apps Virtual Keyboard for you.
On the Virtual Apps Keyboard, it will list all Magic iRIID Games on the menu, and move hands which game that you want to play. "Gold Coin", "Space Sweep", "Slot Machine", "Slider Puzzle" and "Space Keyboard". You are ready to control Magic iRIID Games.

Noted: Go to "Setting" Click "Speed-F" to adjust vision reading fast speed to play "GoldCoin" game.

Step 5: Click "Menu" virtual key for Game user instructions, and click "Home" to go back to game Start Windows, and Click "Start" or "Again" to play the game.





Step 6. Click "LockUp" for temporary lock the gesture input, and click game to back to game's virtual keyboard window to continue to play.

Details on How to Setup PowerPoint Virtual Interface Steps:

Connect computer with Big Screen TV.
Set Big Screen TV as Primary Displayer and Computer Monitor as 2nd Displayer.
Step 1: Prepare your computer for PowerPoint to be ready for Magic iRIID Program.
Step 2: Move PowerPoint presentation file to Big Screen TV and open the presentation view shows on Big Screen TV.
Step 3: Open Magic iRIID, Move Magic iRIID Program show on computer monitor and adjust Magic iRIID main windows size.
Step 4: When you move hands, Magic iRIID will display visual feedback on the monitor/displayer. You can see which keys you have selected Move the highlight selection to "PowerPoint" and push hands to click.

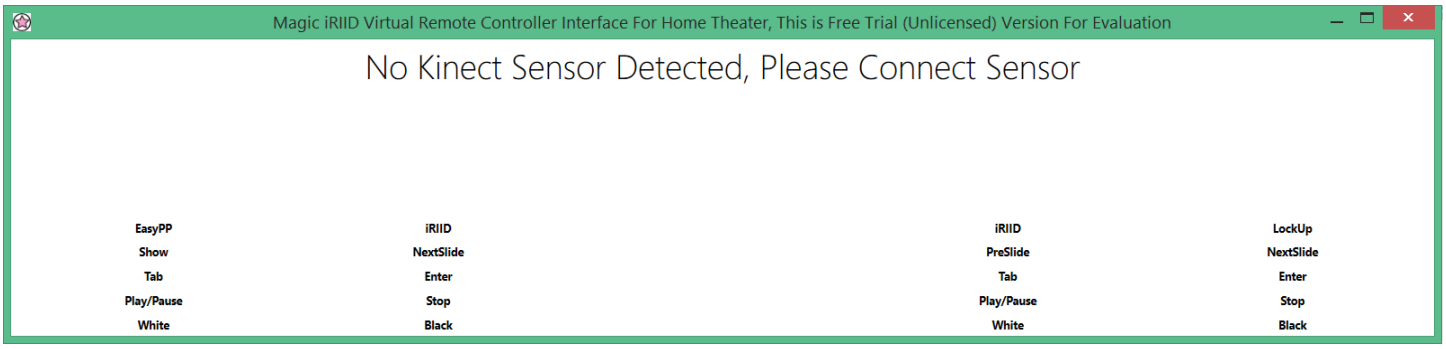
Magic iRIID will create PowerPoint Virtual Keyboard for you.
On the Virtual PowerPoint Keyboard, move hands to select key commands.

You are ready to control your PowerPoint presentation views.

Step 5. Click "Show" virtual key to start PowerPoint presentation, and click "Enter" or "Next Slide", or "UP", "Down", "Left", "Right" to make presentation.

Step 6. Click "Tab" to select media video, Click "Enter", "Play", "Stop" to control media video

Step 7. Click "LockUp" for temporary lock the gesture input, and click "PowerPoint" to back "PowerPoint" virtual keyboard window to continue presentation.



PowerPoint using Hand-Sign Input Example:

Magic iRIID has Hand-Sign function (You can hand grab action as to hold virtual key)

Once you hold the virtual key, "NextSlide" you can swing hand in directions so as to enter same key.

This Magic iRIID Hand-Sign Input function is useful for clicking on the same key, such as for PowerPoint presentation functions.

Magic iRIID total tracking, User allow to move, walk or sit within sensor camera view.

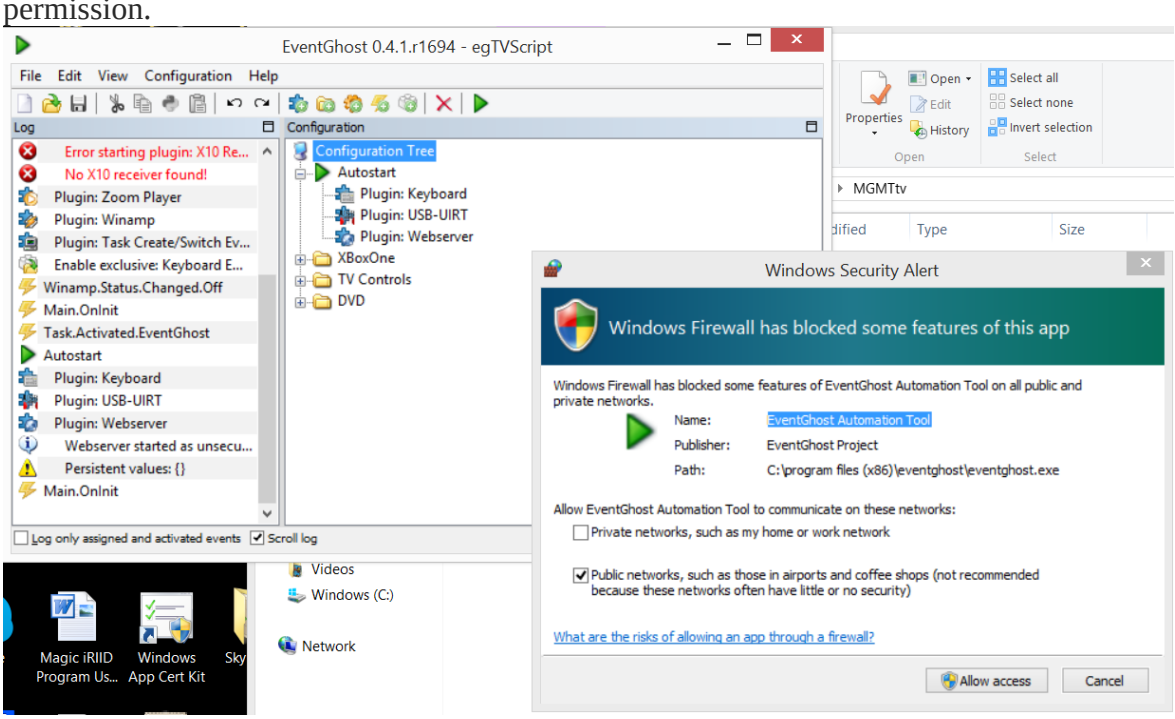
Details on How to Setup Virtual Remote Controller Interface

Steps:

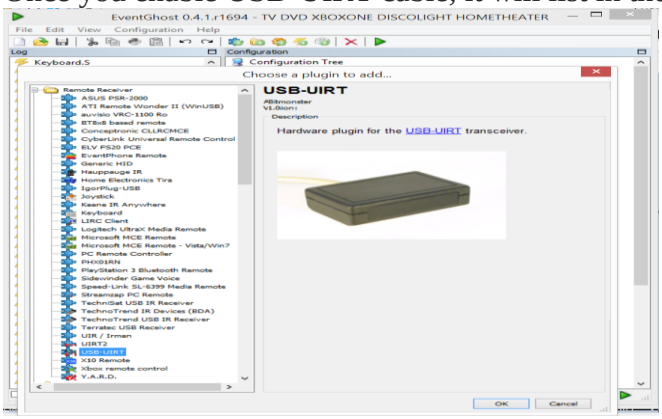
To enable Magic iRIID to control your Home Theather devices, you need USB-UIRT cable (Universal Infrared Receiver/Transmitter) and 3rd party Home automation software like EventGhost.

For general computer user, and who want to have quick setup the virtual remote controller Interface.
For easy to setup, we have provide **Magic iRIID remote controller script sample** for EventGhost.
You can use the provided script sample to record your remote controller (IR) signals.
Here are the steps to follow.

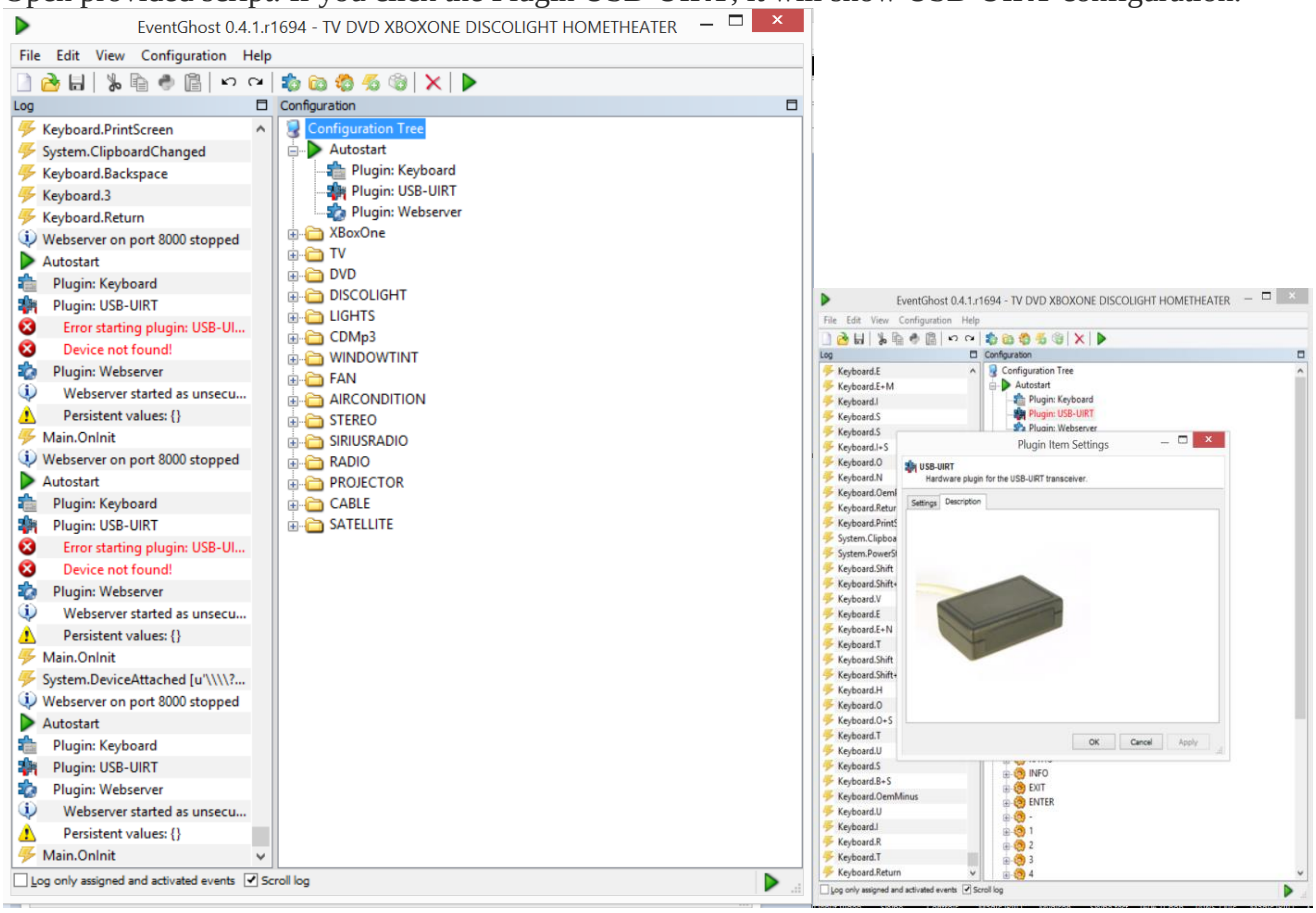
1. You need to have USB-UIRT cable, and install to laptop computer.
2. Download EventGhost software www.eventghost.org/ and install to your laptop computer.
3. You need to permit EventGhost to able access public network if Firewall window pop up ask for permission.



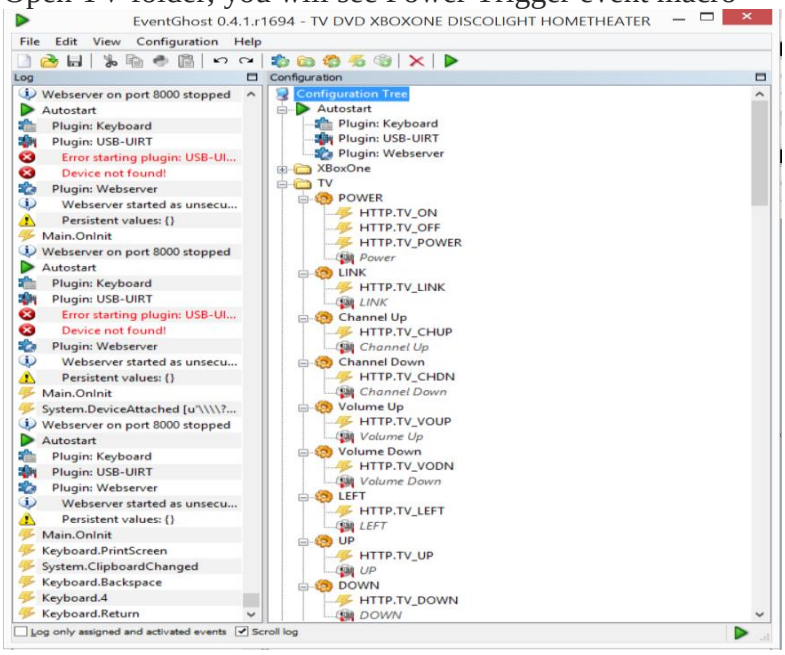
4. Once you enable USB-UIRT cable, it will list in the Remote Receiver List in EventGhost



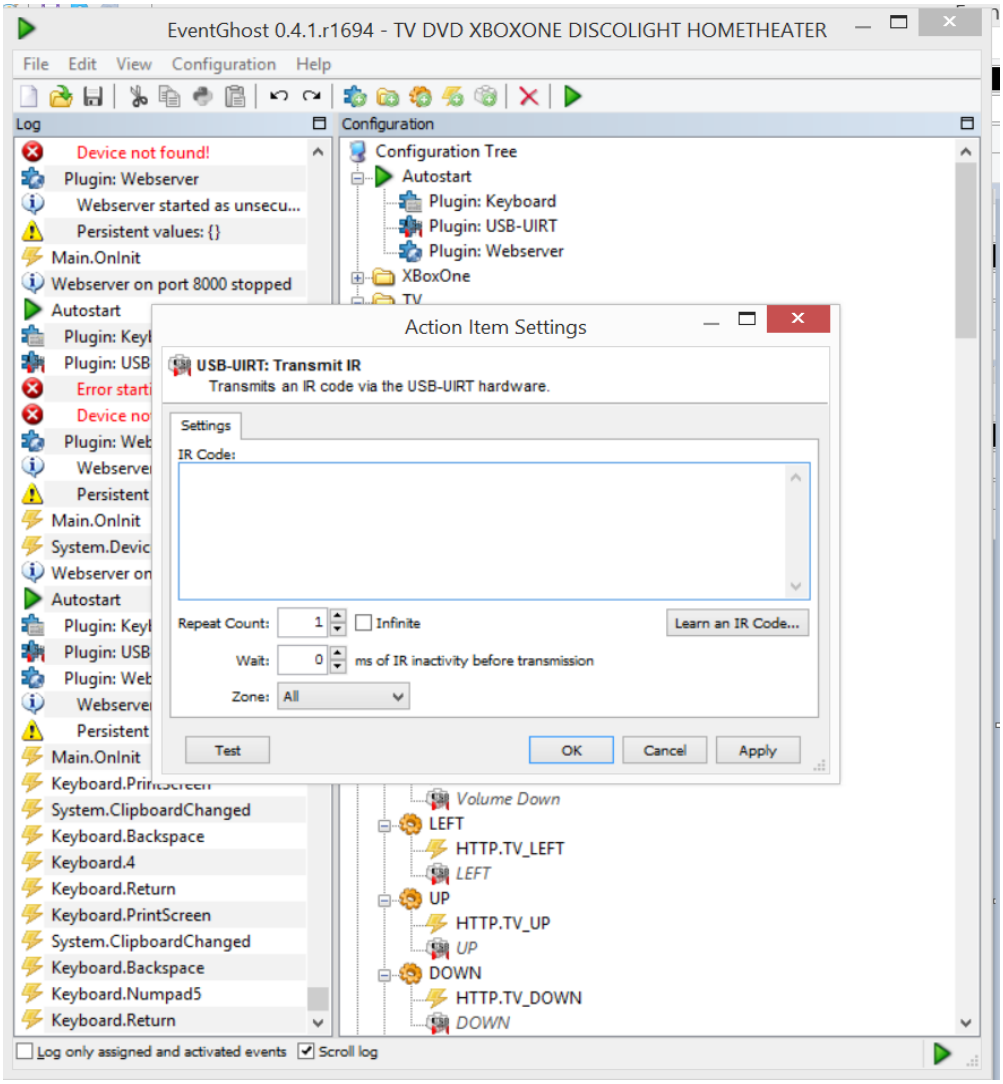
5. Open provided script. If you click the Plugin USB-UIRT, it will show USB-UIRT configuration.



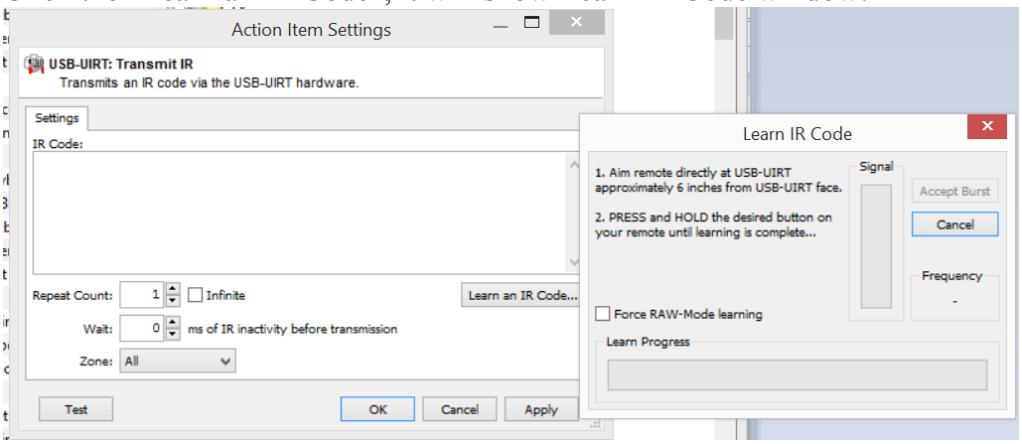
6. To record your remote controller button (IR) signal. Example TV Power button
Open TV folder, you will see Power Trigger event macro



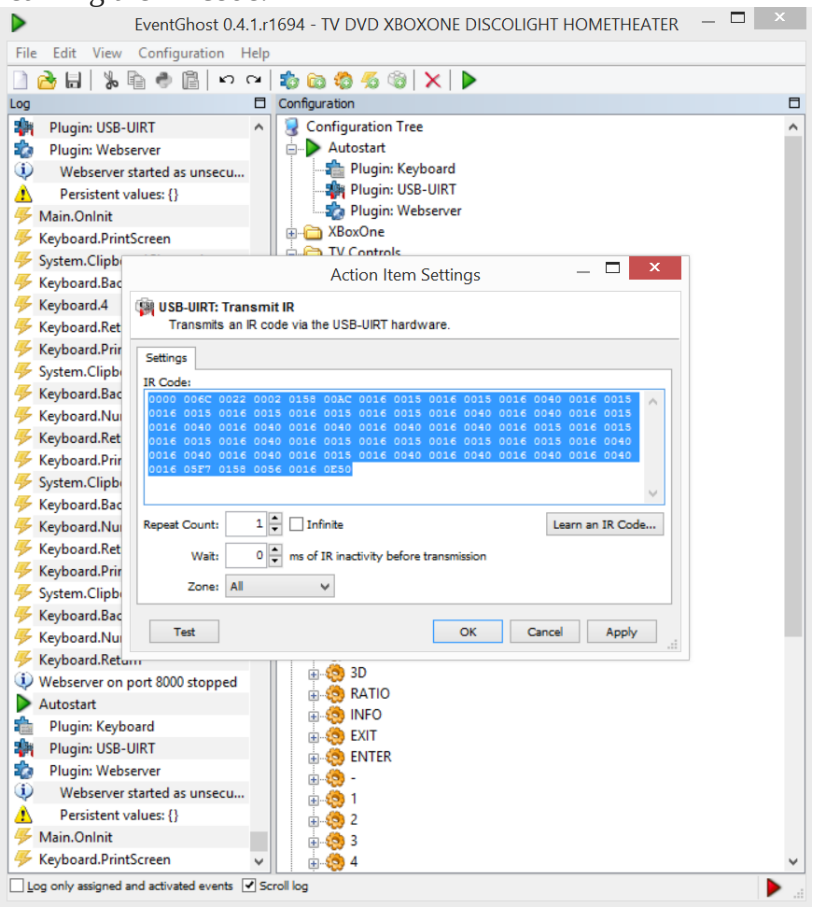
7. Click on the Action “Power" the last item in them TV folder, Power Trigger Macro. It will show Action Item Setting Window, and you can record your TV remote controller IR signal.



8. Click the “Learn an IR Code”, it will show Learn IR Code window.



9. Put your TV remote controller point face to USB-UIRT, and then click “Power” button, you will see USB-UIRT red light blinking, and also Learn IR Code window shows learn Progress. Once The Progress is completed (usually with 1-3 seconds) , The Learn IR Code window will auto close after learning the IR code.

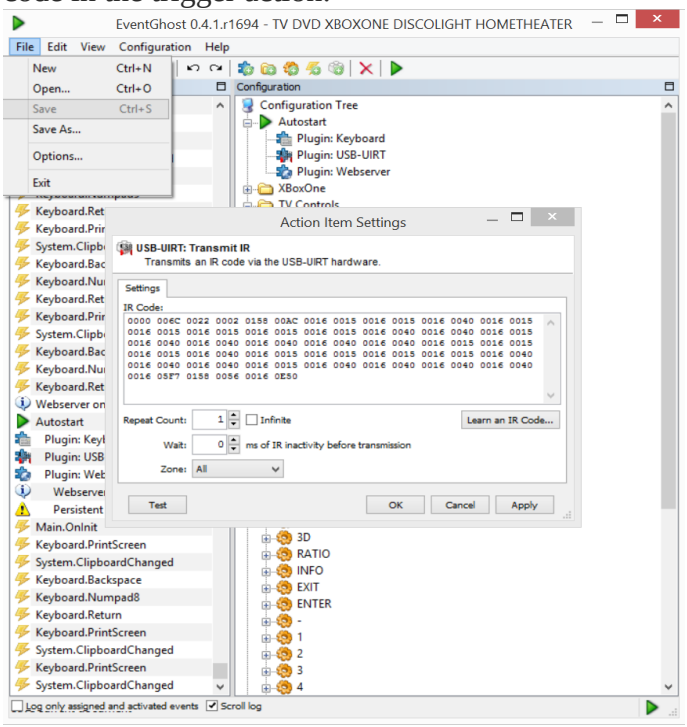


10. Have your USB-UIRT point to your TV like you are use as remote controller, and then Click the “Test” button on the Action Item Setting window. If you are setting everything correctly, you will see the USB-UIRT red-light blinking as to sending out the IR signal, and your TV should Turn ON. Click “Test” button again, your TV should Turn OFF.

11. Once you are able to test control TV ON, OFF, keep EventGhost Program still open, and open Magic iRIID, hands movement navigate to EasyTV Interface, hand click virtual key “POWER” in the virtual EasyTV Interface, Your TV should Turn ON, and click virtual “POWER” key again, you TV should Turn OFF.

12. If you are success both record your TV Power (IR) signals to Trigger event action, and also able to use Magic iRIID to turn your TV ON , OFF, then repeat the same routing to record all other remote controller keys to the script actions.

13. Important! Remember every time, when you successfully record IR code to action, click “Apply” button on the Action Item Setting window, and also click SAVE the script. So you don’t lose the record IR code in the trigger action.



14. After record TV remote controller buttons, you should be able to use Magic iRIID virtual EasyTV Interface to control your TV.

15. Repeat the same work routine to record your other Home Theater appliances such as DVD, Stereo …etc.

16. Trigger action can be changed to other Home automation control method such X10, Radio Frequency (RF) instead of USB-UIRT. Example in script for LIGHTS control, change UIRT action to X10 action.

For advance user who wants to use their own Home automation software and other remote control method (Such as X10) to call the Radio Frequency (RF) or Wi-Fi signals trigger events. Here is the guide to setup event trigger script for your own software Program.

1. Enable (your remote method. Example: X10) plugin.
2. Enable Webserver plugin
3. Enable Keyboard plugin
4. Write your script structure like the provided sample.
5. The Magic iRIID event trigger name syntax is
   HTTP.(The device name)_(The Command)
   Example for TV remote controller Power button
   Trigger name is **HTTP.TV_POWER**

6. In order for Magic iRIID send right trigger action, you must use the same name syntax as provided script example in your software Program.

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